

Monday, February 5, 2018

English



⇒ **Pre-AP English II:** Students will be wrapping up dystopian short stories and beginning work on a larger writing project.

⇒ **English III (Morton):** STAAR writing support is ongoing while we complete our novel, *The Grapes of Wrath*.

⇒ **English IV (Morton):** We have completed the reading of several works and will begin the reading and analysis of the epic poem, *Paradise Lost*.

⇒ **AP/Dual Credit Language and Composition:** Students will begin Synthesis Topic Unit: War, which they will begin by analyzing the rhetorical techniques used to convey Abraham Lincoln's message "The Gettysburg Address." Students will also practice synthesizing information from multiple sources.

⇒ **AP/Dual Credit British Literature:** Students will begin working on their own original sonnet, using their knowledge of the form and conventions of sonnets. Students will also begin studying literature from the Enlightenment period.

⇒ **Business English:** Students will practice writing a timed rhetorical analysis essay in preparation for the SAT. Students will also demonstrate mastery of Second 100 Frequently Tested SAT Vocab Words 41-60, and will continue to work on their Independent Reading Assignment. Students will also begin to work on their Student-led Grammar Presentation.

Math



⇒ **Algebra I:** Students will begin the study of quadratic functions.

⇒ **Algebra II (Baker):** Students will solve systems of quadratic and linear equations.

⇒ **Algebra II (Polley):** Students will use the Quadratic Formula to solve quadratic equations with complex roots.

⇒ **Geometry:** Students will prove theorems about the midsegments of a triangle, perpendicular bisectors, and angle bisectors.

⇒ **Pre-Calculus (Baker):** Students will learn and memorize the Unit Circle.

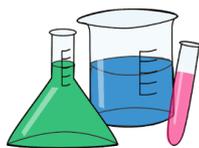
⇒ **Pre-Calculus (Kim):** Students will find the exact values of the trigonometric functions using even-odd properties.

⇒ **AP Calculus:** Students will calculate, interpret, and apply integrals.

⇒ **AP Statistics:** Students will test hypotheses about proportions.

⇒ **College Algebra:** Students will graph equations of circles in standard form and general form.

Science



⇒ **Pre-AP Chemistry:** Students will study the concept of acids and bases and learn the calculations involved.

⇒ **AP Biology:** Students will review and take a quiz on evolution.

⇒ **AP Physics:** Students will study projectiles.

Social Studies



⇒ **AP Human Geography:** Students will ace their Unit IV Exams!

⇒ **AP World History:** Students will continue to analyze the Colombian Exchange through document analysis. Students will also be introduced to the Trans-Atlantic Slave Trade.

Chapter 18 Homework Packet due 2/12 and 2/13

⇒ **US History (Morton):** We are finishing the study of the 1960s and beginning a novel in support of our learning entitled *It Can't Happen Here* by Sinclair Lewis.

⇒ **Government and Economics (Morton):** Our continuing exploration of personal finance is integrated with the study of the economic freedoms enjoyed by U.S. citizens. Our government class is focused upon the U.S. system.

Fine Arts, CTE, LOTE, PE



⇒ **Model United Nations:** Students will finish reading and discussing *Night* as part of our genocide unit.

⇒ **Practicum-in-Business:** Students are completing their Entrepreneurship Unit and will start their Capstone Project. Students will create their Capstone website this week. Ask them to show it to you!

⇒ **Graphic Design:** Students are practicing retouching and editing in Photoshop.

⇒ **Yearbook:** Pics, Pics, Pics, and Layout Designs!

⇒ **Theater Arts I:** Students will be creating presentations about trends in American filmmaking through the decades.

⇒ **PE:** On Monday/Tuesday, students will play kickball. On Wednesday/Thursday, students will play softball.

HAIS Happenings



⇒ Come support **HAIS Soccer** on Monday, February 5 at 4:00 PM against HSLJ @ Peiser Park and again on Wednesday, February 7 at 4:00 PM against SIS @ Mason Park!

⇒ HAIS will host a **FAFSA Roadshow** on Tuesday, February 6 from 3:30-6:30 PM.

⇒ **Student Council** will hold its next meeting on Thursday, February 8 from 3:30-4:30 PM in Room 204 to prepare for our Valentine's Day Crush Fundraiser.

⇒ Come join the fun at our next **UIL Academics** tournament on Saturday, February 17 starting at 7:45 AM at Sterling HS. Please register to compete with Mrs. Sherman in Room 119 by Thursday, February 8.

⇒ See attached **calendar** for more upcoming events!